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PATENT

#6  
4/18/03

S/N 09/842,787

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicant: Barkai, et al.

Serial No.: 09/842,787

Filed: April 27, 2001

Title: TOPOLOGY DISCOVERY IN ATM NETWORKS

Group Art Unit: 2105 2664

Examiner: N/A

REQUEST TO CORRECT INVENTORSHIP UNDER 37 CFR § 1.48(a)

OF  
To  
Received  
2/10/03  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

It has been found that the above-referenced patent application, through error and without deceptive intent, currently improperly sets forth the inventorship of the invention claimed therein. Accordingly, Applicant hereby respectfully requests that the above-referenced application be corrected in compliance with 37 CFR § 1.48(a), and that the following person be added as inventor:

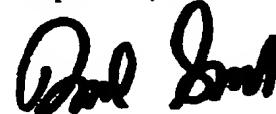
Yoel Shkolnisky, a citizen of Israel, residing at 6 Yekutiel Adam St., Or-Yehuda, Israel.

Please find included herewith:

- A statement from each person being added as an inventor that the error in inventorship occurred without deceptive intention on his or her part;
- An oath or declaration by the actual inventor or inventors;
- The written consent of the assignee, including a statement under 37 CFR § 3.73(b).

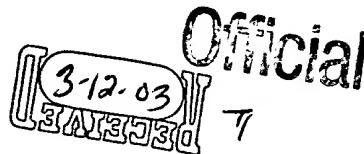
The processing fee set forth in § 1.17(i) is believed to be due in connection with the filing of this request. The United States Patent and Trademark Office is therefore hereby authorized to charge Deposit Account No. 501380 in the amount of One Hundred and Thirty Dollars (\$130.00) and any other fees that may be required for entry of this request.

Respectfully submitted,



Daniel J. Swirsky  
Representative for Applicant  
Registration No. 45,148

DANIEL J. SWIRSKY  
ALPHAPATENT ASSOCIATES LTD.  
55 REUVEN  
P.O.B. 2345  
BEIT SHEMESH, 99544  
ISRAEL  
972 2 999 1035

S/N 09/842,787PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicant: Barkai, et al.

Serial No.: 09/842,787

Filed: April 27, 2001

Title: TOPOLOGY DISCOVERY IN ATM NETWORKS

Group Art Unit: 2163

Examiner: N/A

## STATEMENT BY INVENTOR UNDER 37 CFR § 1.48(a)

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

It has been found that the above-referenced patent application currently improperly sets forth the inventorship of the invention claimed therein. I hereby respectfully request that the above-referenced application be corrected in compliance with 37 CFR § 1.48(a), and that I be added as inventor as follows:

Yoel Shkolnisky, a citizen of Israel, residing at 6 Yekutiel Adam, Or-Yehuda, Israel.

I hereby state that the error in inventorship occurred without deceptive intent on my part. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Respectfully submitted,

Yoel Shkolnisky

Attorney Docket No.: 1069-US

**DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below under my name.

I believe I am the original, first and sole inventor (if only one name is listed below), or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**TOPOLOGY DISCOVERY IN ATM NETWORKS**

the Specification of which

is attached hereto  
was filed on April 27, 2001  
as Application Serial No. 09/842,787  
and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified Specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, 1.56(a).

**PRIORITY CLAIM - NON-U.S. OR PCT PATENT APPLICATION(S)**

I hereby claim priority benefits under 35 U.S.C. 119(a)-(d) or 35 U.S.C. 365(b) of any foreign application(s) for patent or inventor's certificate listed below, or 35 U.S.C. 365(a) of any PCT international application listed below which designated at least one country other than the United States of America, and have also listed below any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed:

APPLICATION NUMBER	COUNTRY/CONVENTION	DAY/MONTH/YEAR FILED	PRIORITY CLAIMED
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Attorney Docket No.: 1069-US

PRIORITY CLAIM - U.S. PROVISIONAL PATENT APPLICATION(S)

I hereby claim priority benefits under 35, U.S.C. §119 of any U.S. Provisional Patent Application listed below that has been filed in the United States in accordance with 35 U.S.C. §119(e), or any U.S. Patent Application listed below that has been converted to a U.S. Provisional Application within one (1) year of its filing date:

APPLICATION NUMBER	DAY/MONTH/YEAR FILED	PRIORITY CLAIMED
60/200,507	4/28/2000	YES

PRIORITY CLAIM - U.S. PATENT APPLICATION(S)

I hereby claim the benefit under 35 U.S.C. §120 of any U.S. Patent Application listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in any prior U.S. Patent Application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56(a), which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION NUMBER	DAY/MONTH/YEAR FILED	STATUS - PATENTED, PENDING, ABANDONED
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DESIGNATION OF ATTORNEY OR AGENT

I hereby appoint as my agent Daniel J. Swirsky (Agent, Registration No. 45,148) with full power of substitution and revocation to prosecute this application and transact all business connected therewith in the United States Patent and Trademark Office.

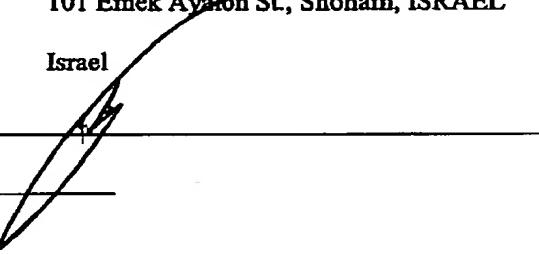
Please address all correspondence regarding this application to:

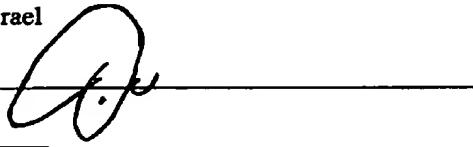
DANIEL J. SWIRSKY  
ALPHAPATENT ASSOCIATES LTD.  
P.O.B. 2345  
BEIT SHEMESH, ISRAEL 99544

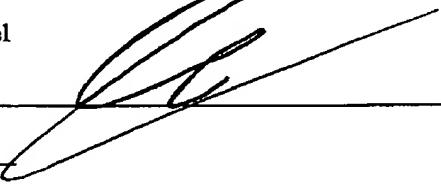
Please direct all telephone calls to (972) 2-999-1035 and all facsimiles to (972) 2-999-7638.

Attorney Docket No.: 1069-US

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF INVENTOR: SHARON BARKAI  
ADDRESS: 101 Emek Ayalon St, Shoham, ISRAEL  
COUNTRY OF CITIZENSHIP: Israel  
SIGNATURE OF INVENTOR   
DATE 2/3/03

NAME OF INVENTOR: ARIEL NOY  
ADDRESS: 33 Yud Lamed Baruch St., Herzliya, ISRAEL  
COUNTRY OF CITIZENSHIP: Israel  
SIGNATURE OF INVENTOR   
DATE 2/3/03

NAME OF INVENTOR: YOEL SHKOLNISKY  
ADDRESS: 6 Yekutiel Adam St., Or-Yehuda, ISRAEL  
COUNTRY OF CITIZENSHIP: Israel  
SIGNATURE OF INVENTOR   
DATE 16/2/03

S/N 09/842,787PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicant: Barkai, et al.

Serial No.: 09/842,787

Filed: April 27, 2001

Title: TOPOLOGY DISCOVERY IN ATM NETWORKS

Group Art Unit: 2163

Examiner: N/A

## WRITTEN CONSENT OF ASSIGNEE UNDER 37 CFR § 1.48(a)

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

As a below-named authorized signatory empowered to sign this statement on behalf of Assignee of Record:

SHEER NETWORKS INC.

I hereby consent to the addition of the following person as inventor:

Yoel Shkolnisky, a citizen of Israel, residing at 6 Yekutiel Adam, Or-Yehuda, Israel.

A statement under 37 CFR 3.73(b) is enclosed.

AUTHORIZED SIGNATORY: SHARON BARKAI

TITLE: CEO

SIGNATURE:

DATE:

2/3/03

PTO/SB/02(08-02)  
Approved for use through 10/31/2002 OMB 0510-0631  
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: BARKAI, ET AL.Application No./Patent No.: 09/842,787 Filed/Issue Date: APRIL 27, 2001Entitled: TOPOLOGY DISCOVERY IN ATM NETWORKS

SHEER NETWORKS INC. a CORPORATION  
 (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1.  the assignee of the entire right, title, and interest; or
2.  an assignee of an undivided part interest.  
 The extent (by percentage) of its ownership interest is \_\_\_\_%.  
 in the patent application/patent identified above by virtue of either:

A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 012338, Frame 0754, or for which a copy thereof is attached.

OR

B.  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the Patent and Trademark Office at  
 Reel \_\_\_\_\_ Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the Patent and Trademark Office at  
 Reel \_\_\_\_\_ Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the Patent and Trademark Office at  
 Reel \_\_\_\_\_ Frame \_\_\_\_\_, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.  
 [NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

2/3/03  
Date

Signature

SHARON BARKAI

Typed or printed name

CEO

Title

**Burden Hour Statement:** This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.